



PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL**  
**for FY 2004**

Effective 10/01/2003, Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$ 230.00)**Complete if Known**

|                      |                         |
|----------------------|-------------------------|
| Application Number   | Patent No. 6,726,489 B2 |
| Filing Date          | Issued: 4/27/04         |
| First Named Inventor | Mark A. Kappel, et al   |
| Examiner Name        | Duverne, Jean F.        |
| Art Unit             | 2839                    |
| Attorney Docket No.  | 126071 (GEMS 0165 PUS)  |

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:

Deposit Account Number

07-0845

Deposit Account Name

GTC

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity        |          | Small Entity |          | Fee Description        | Fee Paid |
|---------------------|----------|--------------|----------|------------------------|----------|
| Fee Code            | Fee (\$) | Fee Code     | Fee (\$) |                        |          |
| 1001                | 770      | 2001         | 385      | Utility filing fee     |          |
| 1002                | 340      | 2002         | 170      | Design filing fee      |          |
| 1003                | 530      | 2003         | 265      | Plant filing fee       |          |
| 1004                | 770      | 2004         | 385      | Reissue filing fee     |          |
| 1005                | 180      | 2005         | 80       | Provisional filing fee |          |
| <b>SUBTOTAL (1)</b> |          |              |          |                        |          |

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

| Total Claims       |  | Extra Claims |  | Fee from below |  | Fee Paid |  |
|--------------------|--|--------------|--|----------------|--|----------|--|
| Independent        |  | -20** =      |  | X              |  | =        |  |
| Multiple Dependent |  | -3** =       |  | X              |  | =        |  |

| Large Entity        |          | Small Entity |          | Fee Description  | Fee Paid |
|---------------------|----------|--------------|----------|--|----------|
| Fee Code            | Fee (\$) | Fee Code     | Fee (\$) |  |          |
| 1202                | 18       | 2202         | 9        | Claims in excess of 20                                     |          |
| 1201                | 86       | 2201         | 43       | Independent claims in excess of 3                          |          |
| 1203                | 290      | 2203         | 145      | Multiple dependent claim, if not paid                      |          |
| 1204                | 86       | 2204         | 43       | ** Reissue independent claims over original patent         |          |
| 1205                | 18       | 2205         | 9        | ** Reissue claims in excess of 20 and over original patent |          |
| <b>SUBTOTAL (2)</b> |          |              |          |  |          |

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Large Entity   |          | Small Entity |          | Fee Description  | Fee Paid  |
|--|----------|--------------|----------|--|-----------|
| Fee Code   | Fee (\$) | Fee Code     | Fee (\$) |  |           |
| 1051   | 130      | 2051         | 65       | Surcharge - late filing fee or oath  |           |
| 1052   | 50       | 2052         | 25       | Surcharge - late provisional filing fee or cover sheet                     |           |
| 1053   | 130      | 1053         | 130      | Non-English specification  |           |
| 1812   | 2,520    | 1812         | 2,520    | For filing a request for <i>ex parte</i> reexamination                     |           |
| 1804   | 920*     | 1804         | 920*     | Requesting publication of SIR prior to Examiner action                     |           |
| 1805   | 1,840*   | 1805         | 1,840*   | Requesting publication of SIR after Examiner action                        |           |
| 1251   | 110      | 2251         | 55       | Extension for reply within first month                                     |           |
| 1252   | 420      | 2252         | 210      | Extension for reply within second month                                    |           |
| 1253   | 950      | 2253         | 475      | Extension for reply within third month                                     |           |
| 1254   | 1,480    | 2254         | 740      | Extension for reply within fourth month                                    |           |
| 1255   | 2,010    | 2255         | 1,005    | Extension for reply within fifth month                                     |           |
| 1401   | 330      | 2401         | 165      | Notice of Appeal   |           |
| 1402   | 330      | 2402         | 165      | Filing a brief in support of an appeal                                     |           |
| 1403   | 290      | 2403         | 145      | Request for oral hearing   |           |
| 1451   | 1,510    | 1451         | 1,510    | Petition to institute a public use proceeding                              |           |
| 1452   | 110      | 2452         | 55       | Petition to revive - unavoidable   |           |
| 1453   | 1,330    | 2453         | 665      | Petition to revive - unintentional   |           |
| 1501   | 1,330    | 2501         | 665      | Utility issue fee (or reissue)   |           |
| 1502   | 480      | 2502         | 240      | Design issue fee   |           |
| 1503   | 640      | 2503         | 320      | Plant issue fee  |           |
| 1480   | 130      | 1480         | 130      | Petitions to the Commissioner  | 130.00    |
| 1807   | 50       | 1807         | 50       | Processing fee under 37 CFR 1.17(q)  |           |
| 1806   | 180      | 1806         | 180      | Submission of Information Disclosure Stmt                                  |           |
| 8021   | 40       | 8021         | 40       | Recording each patent assignment per property (times number of properties) |           |
| 1809   | 770      | 2809         | 385      | Filing a submission after final rejection (37 CFR 1.129(a))                |           |
| 1810   | 770      | 2810         | 385      | For each additional invention to be examined (37 CFR 1.129(b))             |           |
| 1801   | 770      | 2801         | 385      | Request for Continued Examination (RCE)                                    |           |
| 1802   | 900      | 1802         | 900      | Request for expedited examination of a design application                  |           |
| Other fee (specify) <u>Certificate of Correction</u> |          |              |          |  | 100.00    |
| *Reduced by Basic Filing Fee Paid                    |          |              |          |  |           |
| <b>SUBTOTAL (3)</b>                                  |          |              |          |  | \$ 230.00 |

**SUBMITTED BY**

|                   |                  |                                   |         |           |              |
|-------------------|------------------|-----------------------------------|---------|-----------|--------------|
| Name (Print/Type) | Kevin G. Mierzwa | Registration No. (Attorney/Agent) | 38,049  | Telephone | 248-223-8500 |
| Signature         |                  | Date                              | 7-16-04 |           |              |

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 4081, Alexandria, VA 22304-4081. Comments may also be sent to this address.

PATENT RECEIVED  
Attorney Docket 126071 (GEMS 0165 PUS)  
CENTRAL FAX CENTER

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUL 16 2004

Patentee: Mark A. Kappel, Joseph J. Lacey, James A. Beacham,  
Lee F. Wichlacz, Gregory S. Zeman

Patent No: 6,726,489 B2

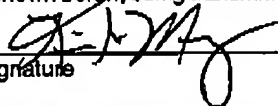
Serial No. 10/064,148

**OFFICIAL**

Issued: April 27, 20204

Filed: June 14, 2002

For: PROTECTIVE HOUSING FOR A HIGH DENSITY ELECTRICAL CONNECTOR

|   |   |
|---|---|
| CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. § 1.8(a))  |   |
| I hereby certify that this correspondence is, on the date shown below, being transmitted by facsimile to (703) 872-9306 (Centralized Facsimile Number). |   |
| Date: 7-16-04   | Signature: <br>Kevin G. Mierzwa |

PETITION FOR CERTIFICATE OF CORRECTION

Mail Stop Petitions  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Patentee hereby petitions under the provisions of 35 U.S.C. Section 255 and 37 CFR Section 1.323 for a certificate to correct the errors set forth on the enclosed Certificate of Correction form.

A petition fee of \$130.00 and a Certificate of Correction fee of \$100.00 are submitted herewith.

If said petition is granted, Patentee requests the file be forwarded to Certificates of Correction Branch, for issuance of a Certificate of Correction.

Respectfully submitted,

ARTZ & ARTZ, PC

  
Kevin G. Mierzwa, Reg. No. 38,049  
Attorney for Patentee  
28333 Telegraph Road, Ste. 250  
Southfield, MI 48334  
(248) 223-9500

PTO/SB/44 (07-03)

Approved for use through 01/31/2004. OMB 0651-0033

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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(Also Form PTO-1050)

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

PATENT NO. : 6,726,489 B2

DATED : April 27, 2004

INVENTOR(S) : Mark A. Kappel, Joseph J. Lacey, James A. Beacham, Lee F. Wichlacz, Gregory S. Zeman

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 8,  
line 34, should read as follows: -- said housing comprises ribs therein, said ribs aligning said --

Column 8,  
line 66, should read as follows: -- guide arms sized to be received within said guide channels --

Column 9,  
line 1, should read as follows: -- a first carrier board fixedly coupled to the circuit --

**MAILING ADDRESS OF SENDER:**

Artz & Artz, P.C. - KGM  
28333 Telegraph Road, Suite 250  
Southfield, MI 48034

PATENT NO. 6,726,489 B2

No. of additional copies

 1

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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